

Heritage Avenue Bridge Connections



Project Name: Heritage Ave; Bridge Connections **Cost:** \$8,109,265

Description:

Construct a new two lane road with a 10' trail adjacent to the curb, approximately 2,500 LF. Includes connection of Parr Lane to Heritage Ave. from the west. Approximately 2,500 LF.

Background:

This project is on the Thoroughfare Plan and provides capacity improvements to the south central portion of Grapevine and completes the connection in the City's thoroughfare network.

Heritage Avenue Bridge Connections



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Looking North

As presented to the Grapevine City Council on June 6, 2017

Heritage Avenue Bridge Connections



Project Name: Heritage Ave; Bridge Connections **Cost:** \$8,109,265



Looking South

As presented to the Grapevine City Council on June 6, 2017

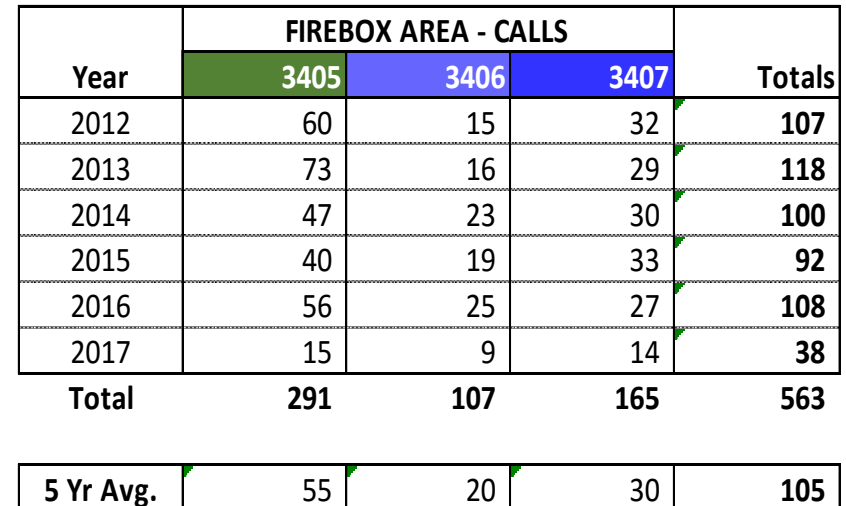
Heritage Avenue Bridge Connections

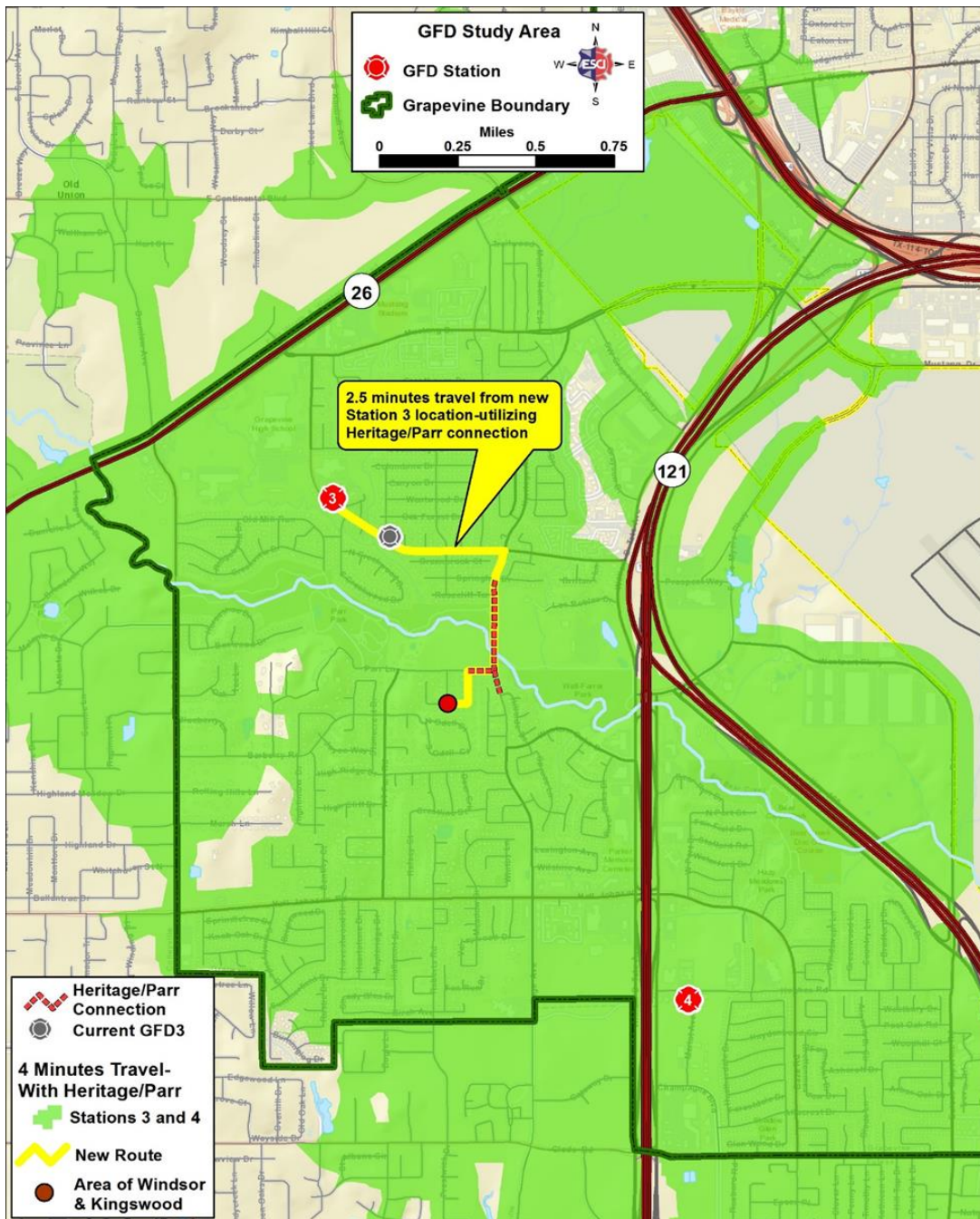


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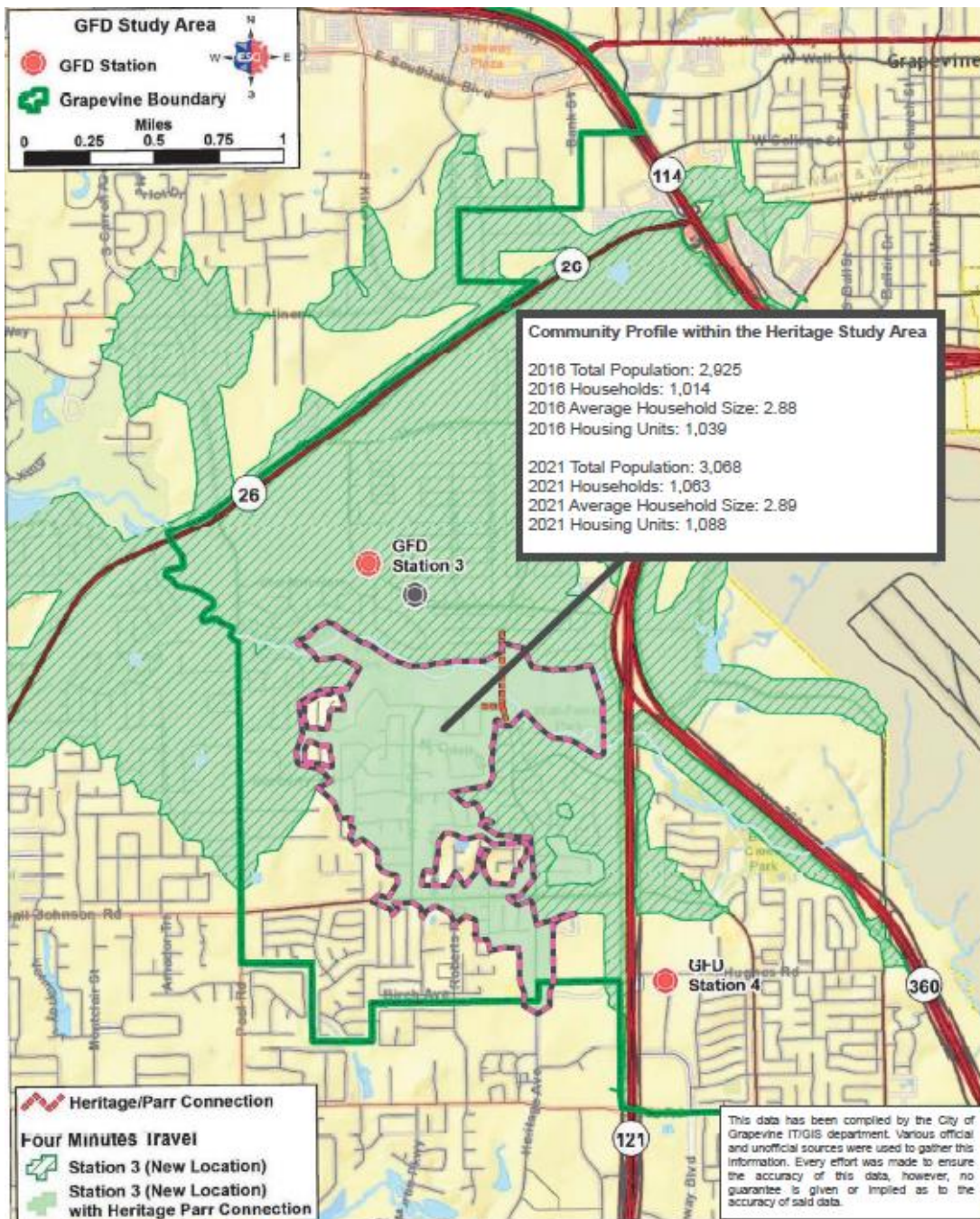
- Impact on fire response
- Call metrics for dual coverage area, Stations 3&4





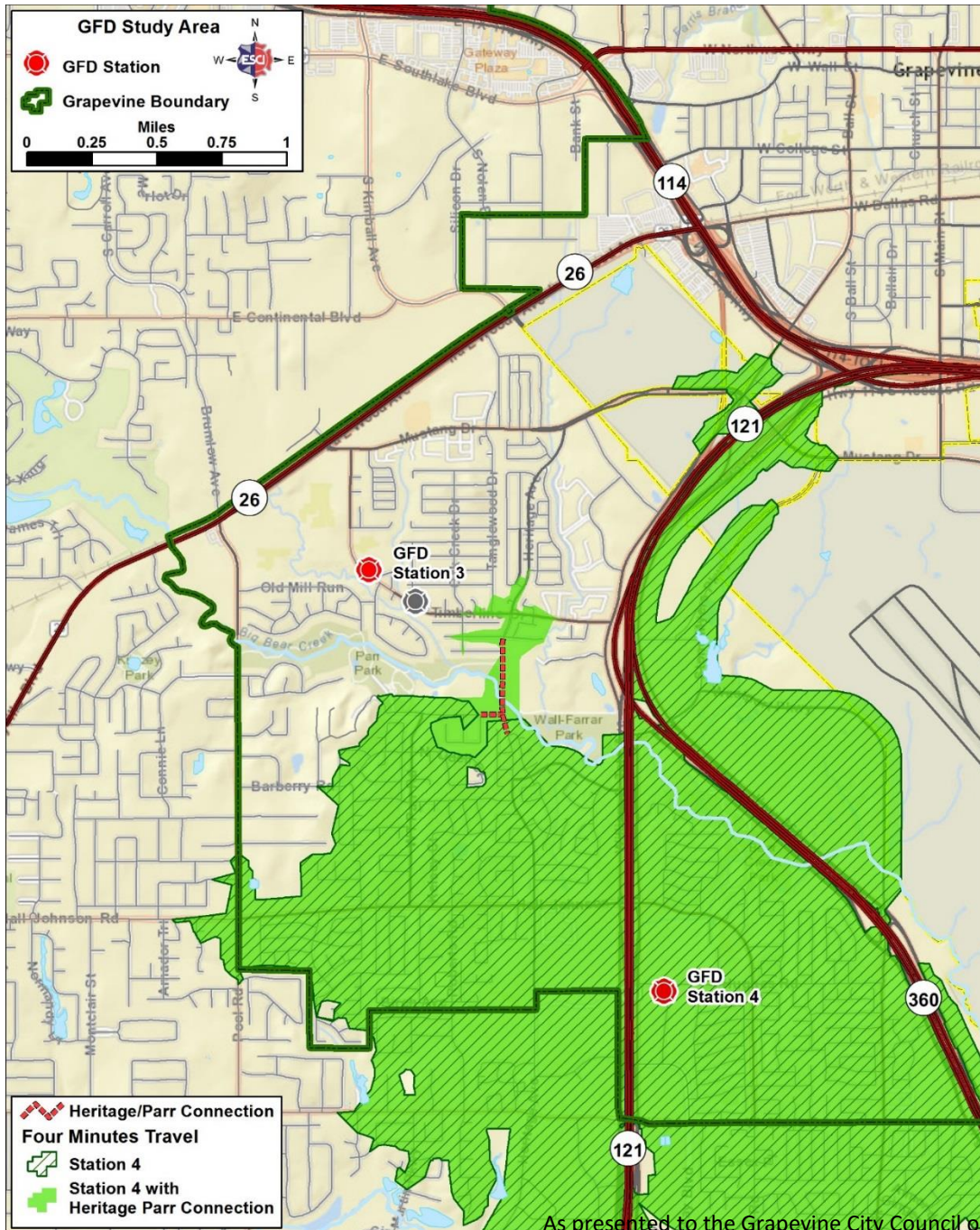
Heritage Bridge Connectivity

- Impact on fire response
- Station 3
- Utilizing Heritage/Parr connection
- 2.5 minute travel from new Station 3



Heritage Bridge Connectivity

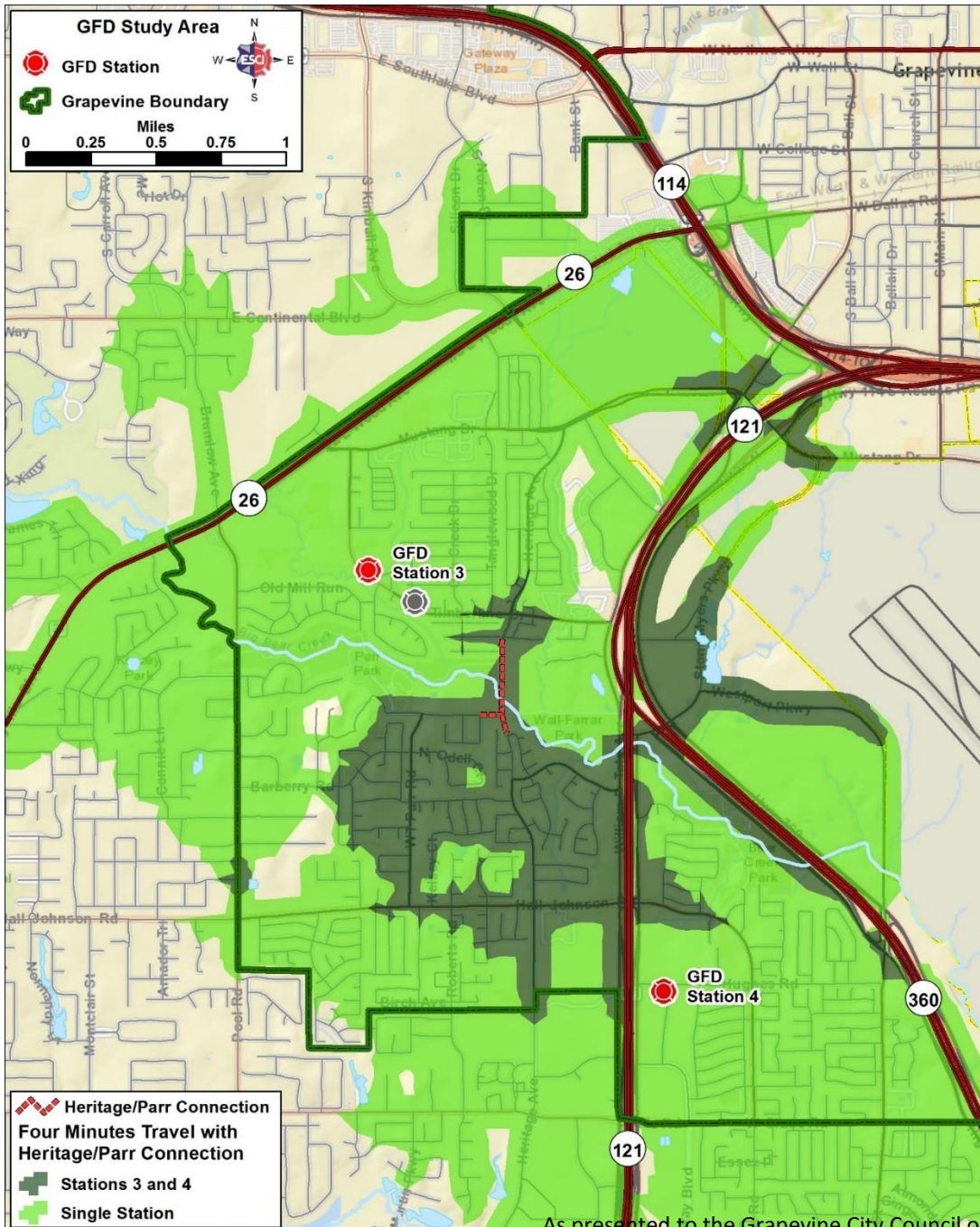
- Impact on fire response
- Station 3
- New location in red
- Green area with diagonal lines represent current four-minute response areas
- Green area with no line represents enhanced four-minute coverage



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Heritage Bridge Connectivity

- Impact on Fire Response
- Station 4 Coverage
- Green area with diagonal lines represent current 4-minute response areas.
- Green area with no line represents enhanced 4-minute coverage



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Heritage Bridge Connectivity

- Impact on fire response
- Stations 3 & 4
- Dark green area represents dual coverage between Stations 3 & 4 with Heritage Bridge

Heritage Avenue Bridge Connections



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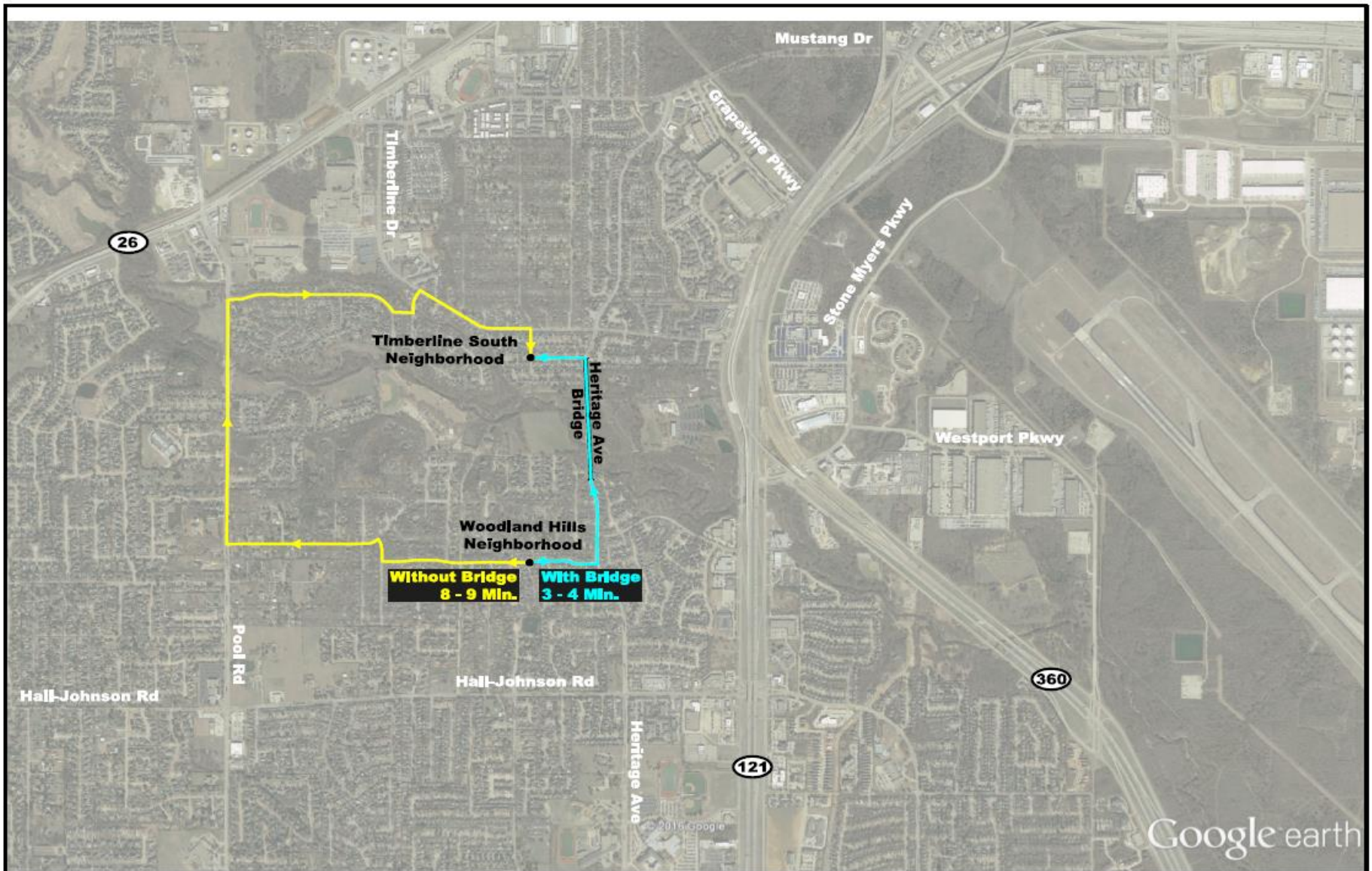


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Average Impact to Existing Travel Time					
[Time %]	[Minutes]	ID	South Location (Origin)	ID	North Location (Destination)
-56%	-5	14	Woodland Hills Neighborhood	6	Timberline South Neighborhood
-56%	-6	13	Western Oaks Estates	6	Timberline South Neighborhood
-48%	-4	14	Woodland Hills Neighborhood	2	Heritage & Cobbs
-48%	-5	10	Heritage Ave Schools	6	Timberline South Neighborhood
-45%	-5	13	Western Oaks Estates	2	Heritage & Cobbs
-42%	-4	7	Church at the Cross	6	Timberline South Neighborhood
-40%	-5	13	Western Oaks Estates	4	Oak Creek Neighborhood
-38%	-4	10	Heritage Ave Schools	2	Heritage & Cobbs
-38%	-4	14	Woodland Hills Neighborhood	4	Oak Creek Neighborhood
-37%	-4	12	Sun Fresh Market	6	Timberline South Neighborhood



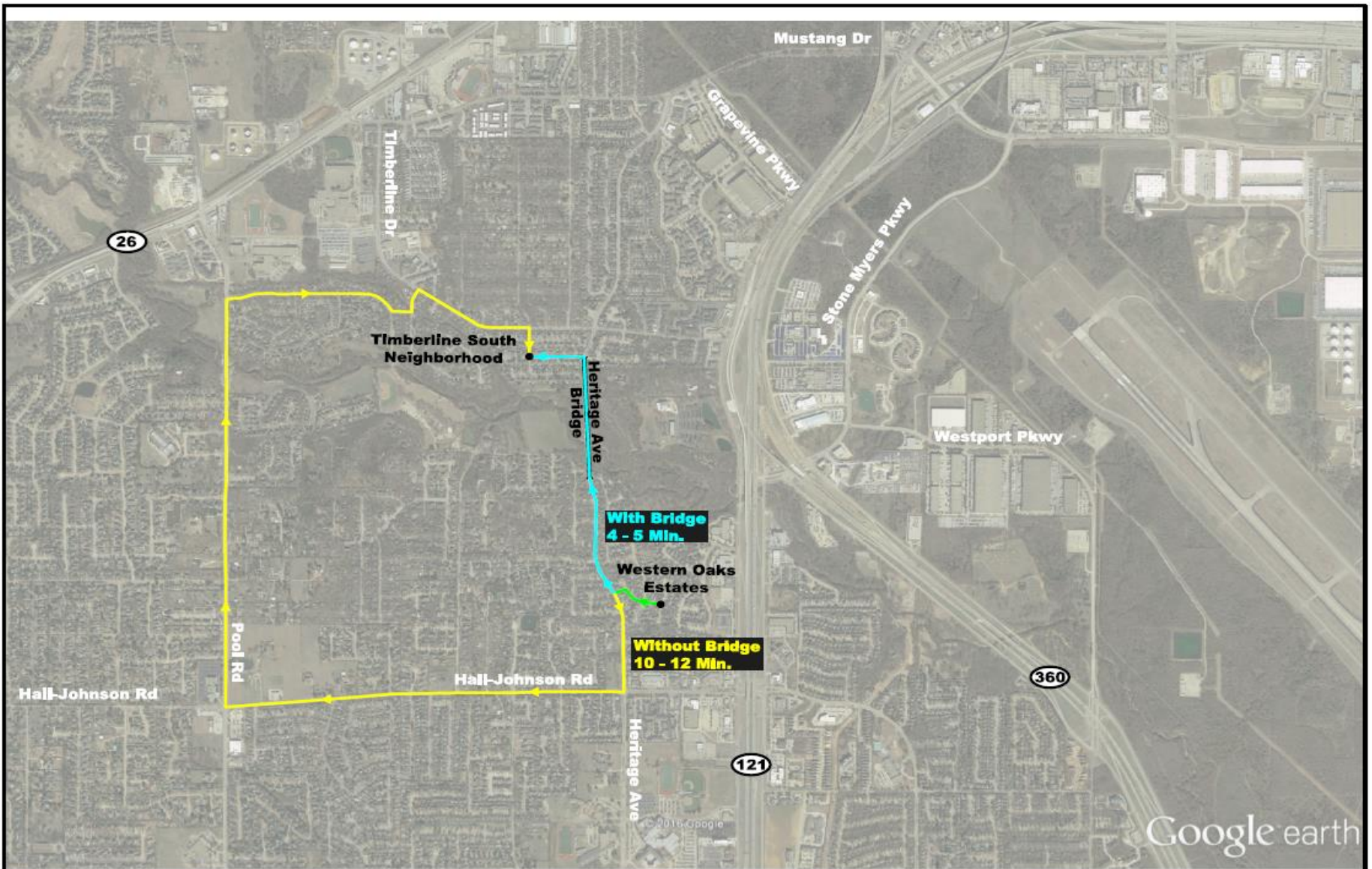
3030 LBJ FREEWAY
SUITE 1660
DALLAS, TEXAS 75234
972-249-3006 FAX 972-249-3855

LEE ENGINEERING

DALLAS - PHOENIX - ALBUQUERQUE
OKLAHOMA CITY - SAN ANTONIO

Woodland Hills Neighborhood
to
Timberline South Neighborhood

Figure 2



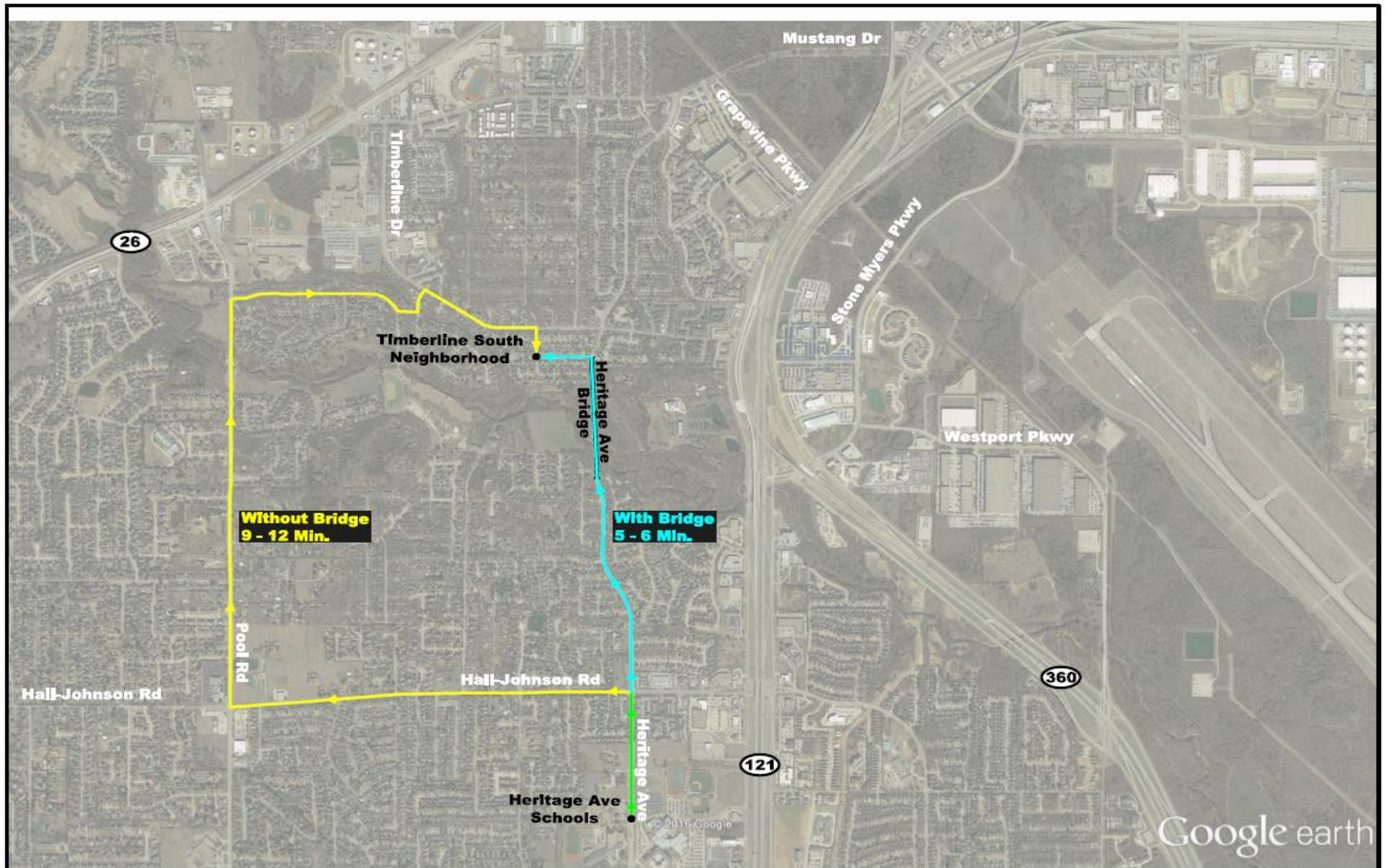
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Western Oaks Estates
to
Timberline South Neighborhood

Figure 3



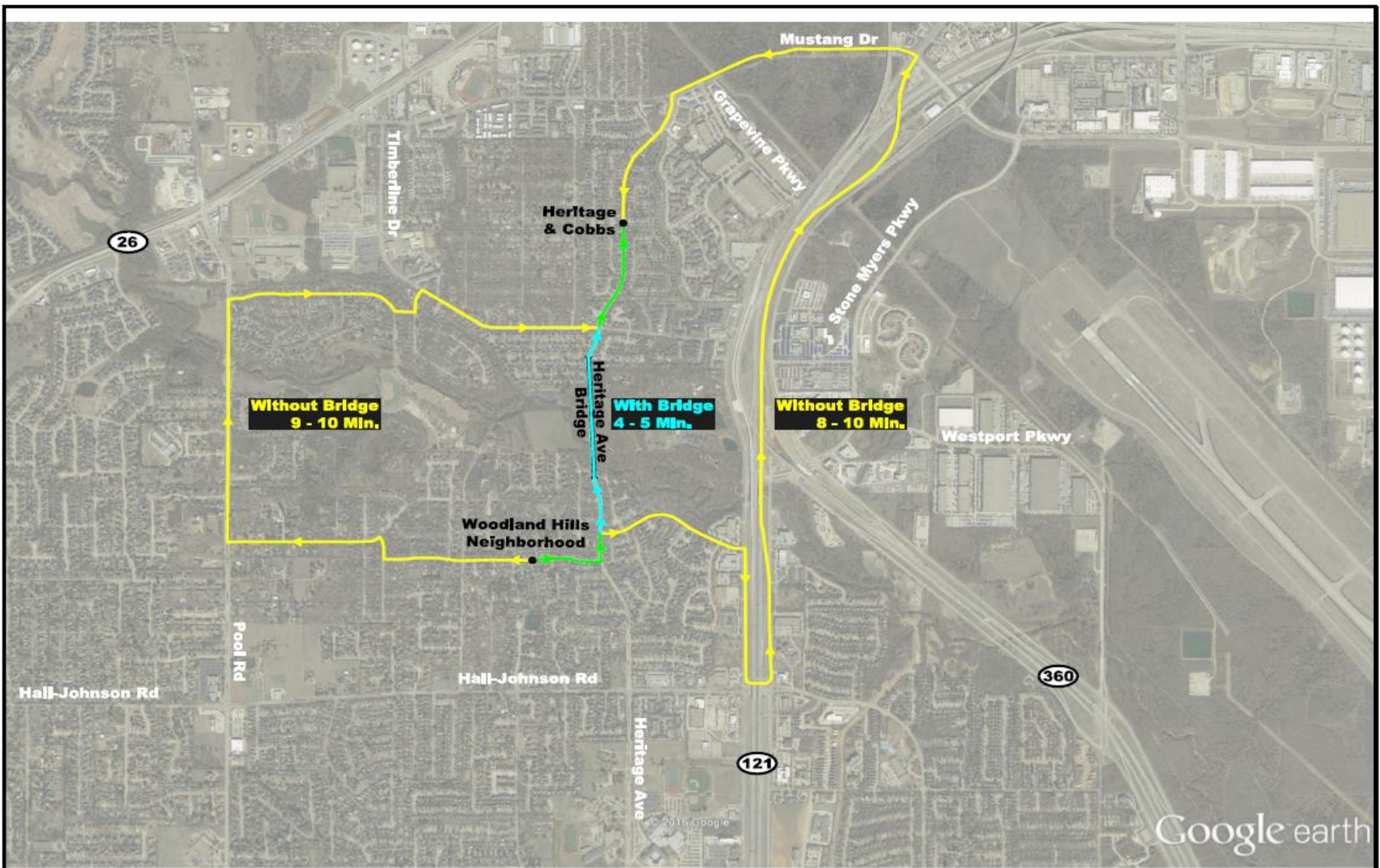
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Heritage Ave Schools
to
Timberline South Neighborhood

Figure 4



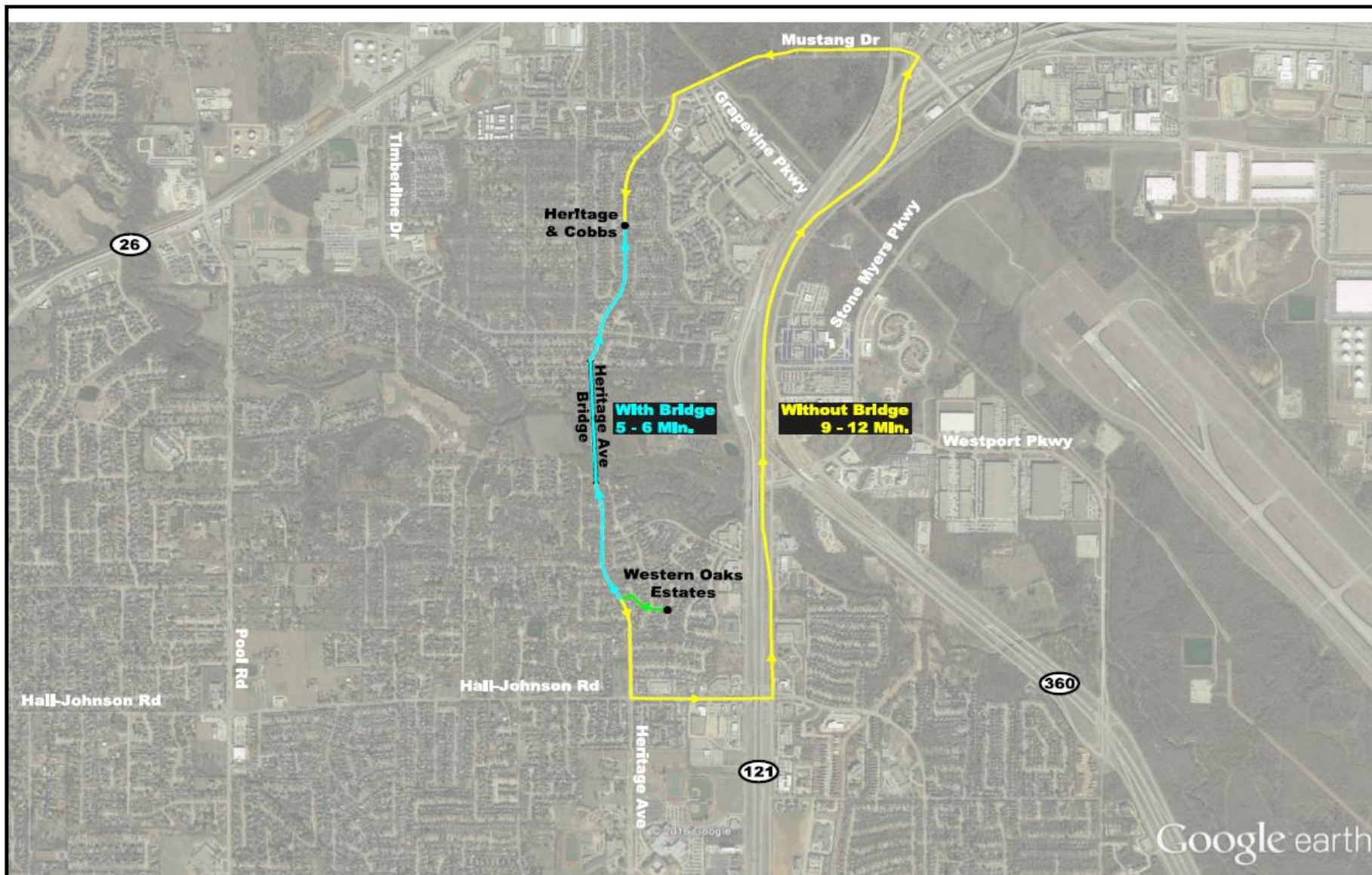
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Woodland Hills Neighborhood to Heritage & Cobbs

Figure 5



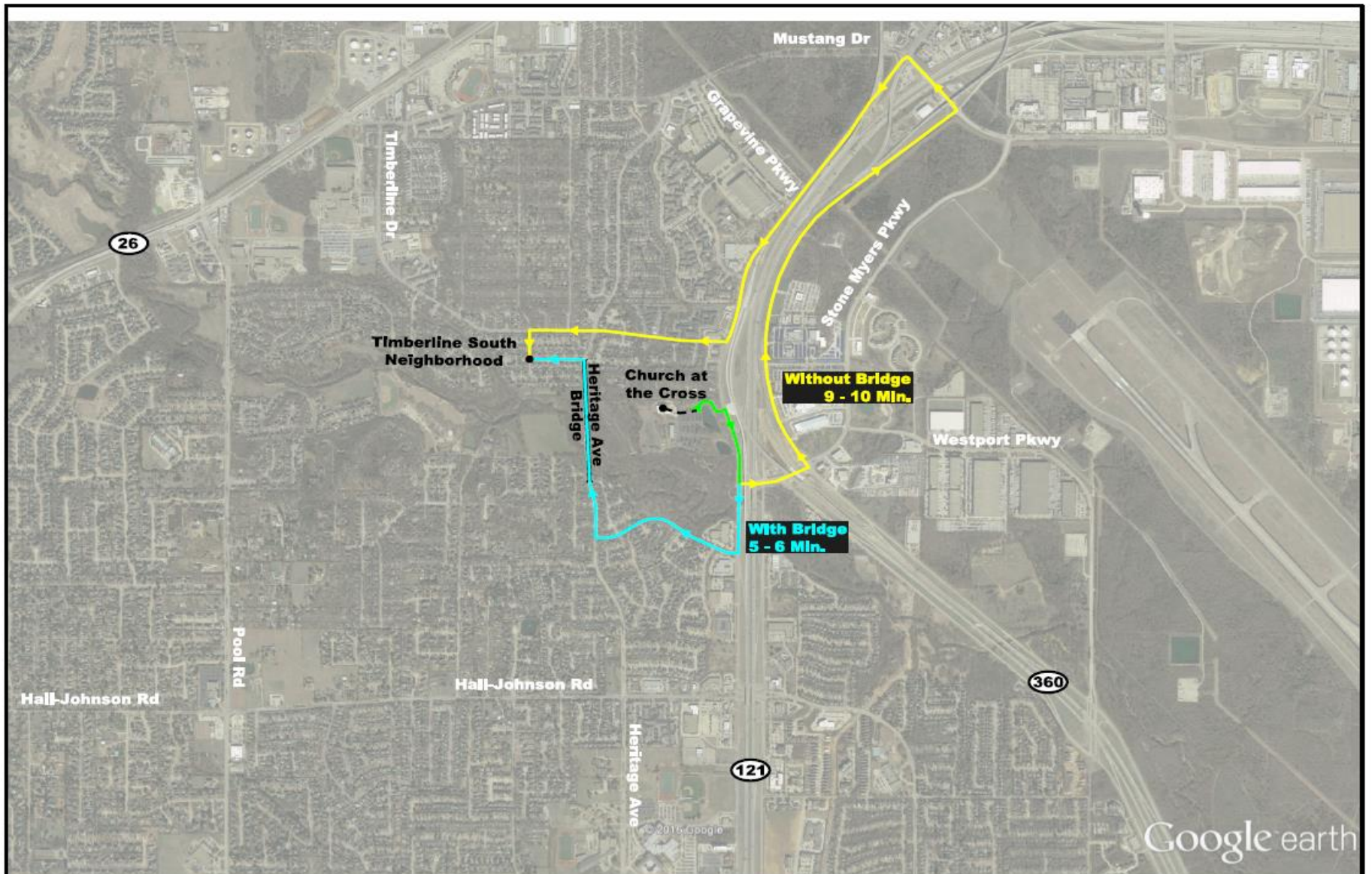
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Western Oaks Estates
to
Heritage & Cobbs

Figure 6



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Church at the Cross
to
Timberline South Neighborhood

Figure 7



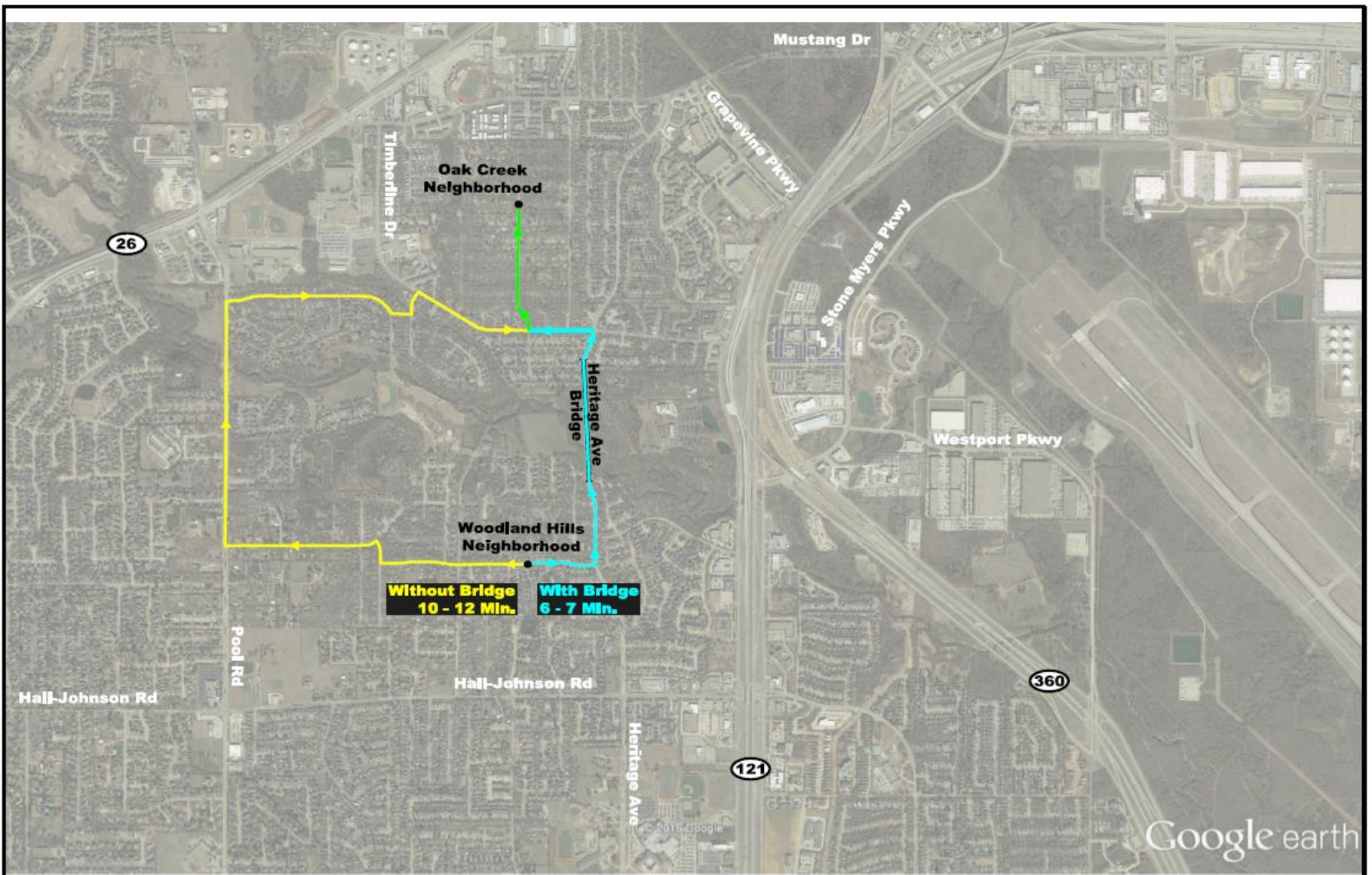
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OKLAHOMA CITY - SAN ANTONIO

Heritage Ave Schools
to
Heritage & Cobbs

Figure 8



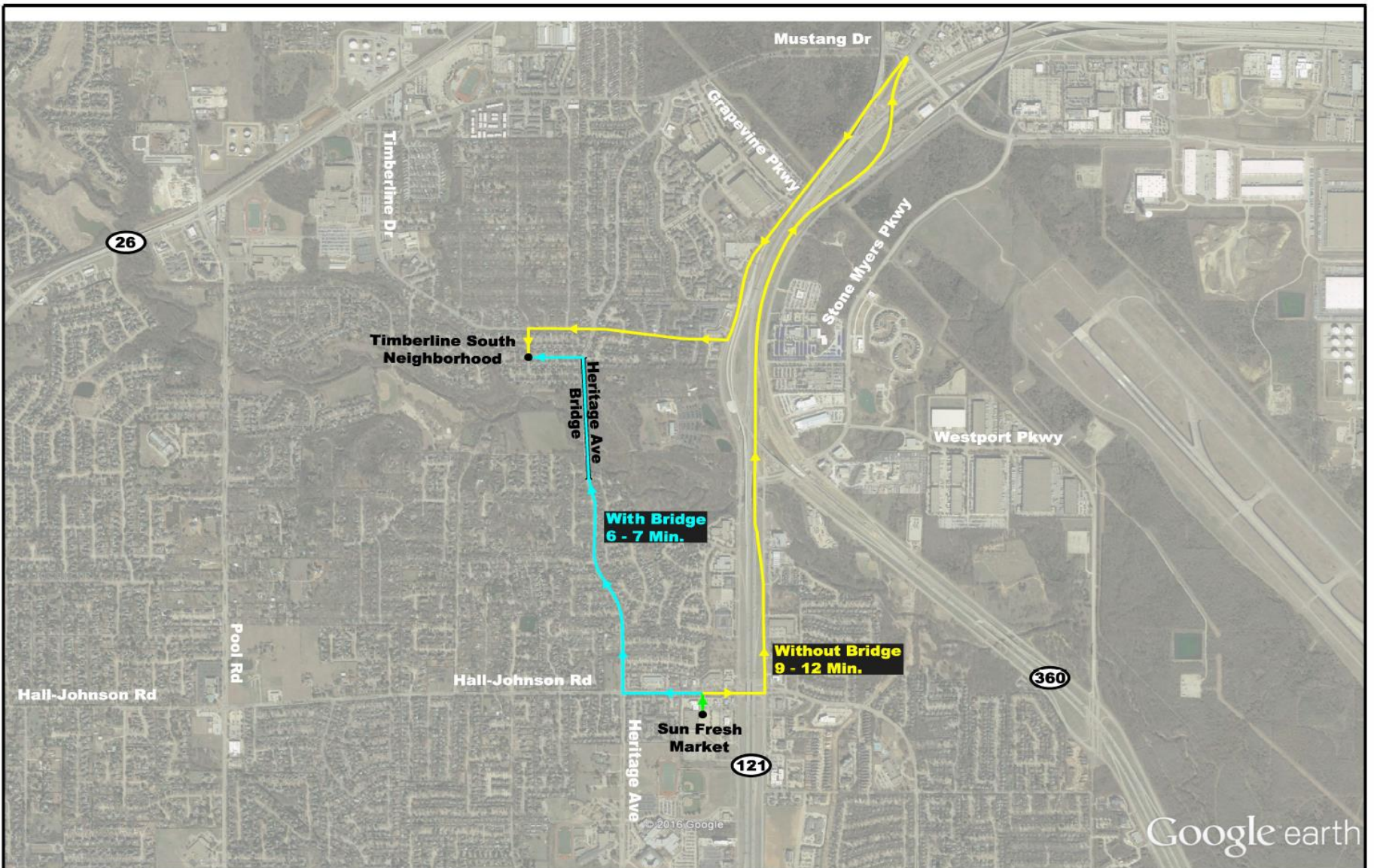
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OKLAHOMA CITY - SAN ANTONIO

Woodland Hills Neighborhood
to
Oak Creek Neighborhood

Figure 9



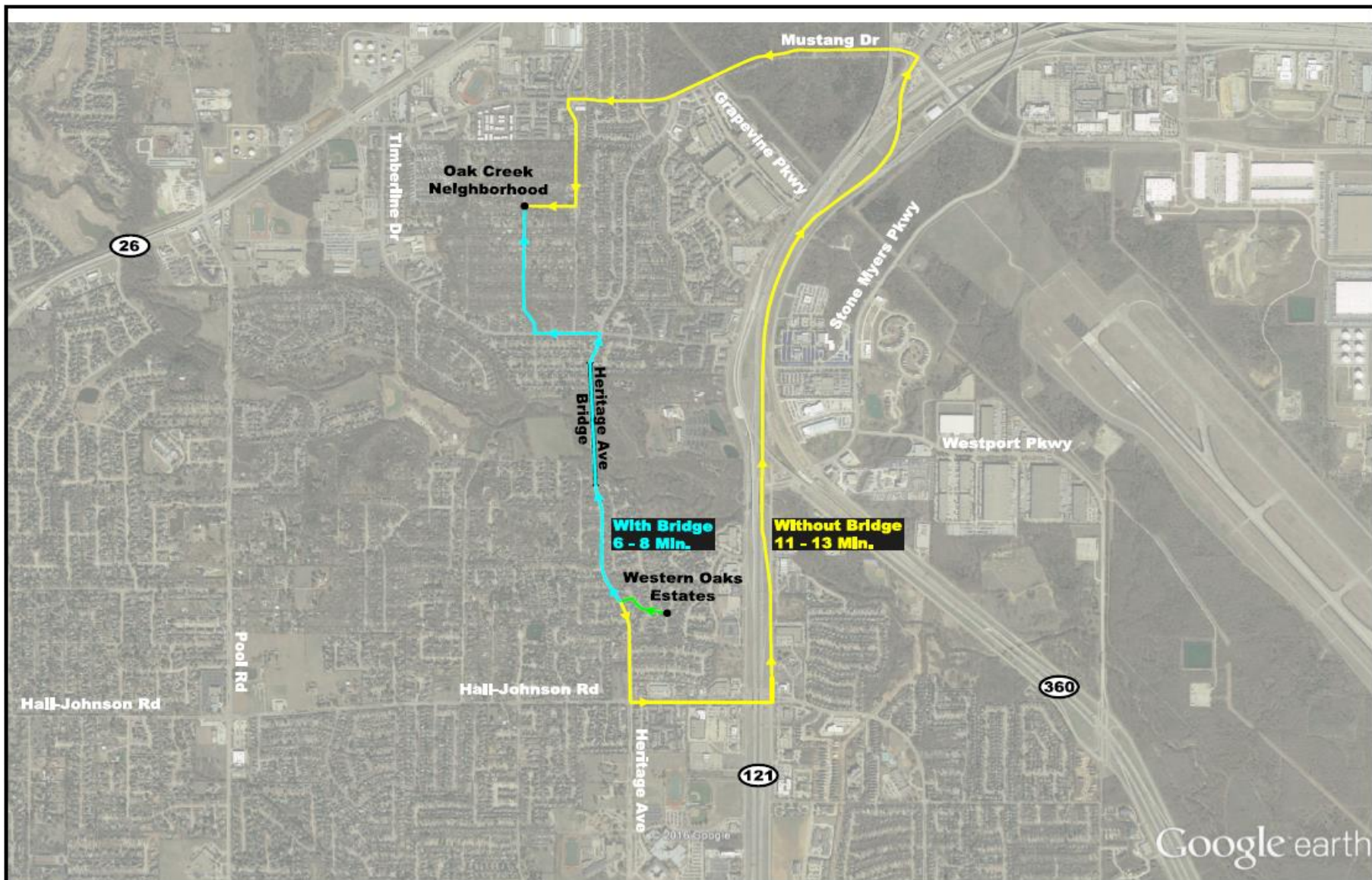
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OKLAHOMA CITY - SAN ANTONIO

Tom Thumb formerly Sun Fresh Market
to
Timberline South Neighborhood

Figure 10



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OKLAHOMA CITY - SAN ANTONIO

Western Oaks Estates
to
Oak Creek Neighborhood

Figure 11

Cost Schedule:

Comments:

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